Ford shares CV data with CerebrumX for usage-based auto insurance

Automotive data services company CerebrumX will use connected vehicle data from Ford vehicles to support its usage-based insurance-as-a-service model. Usage based insurance (UBI) uses data that the costumer has consented to provide to more accurately determine insurance rates and reward safe driving. The data collected will be analyzed by CerebrumX's deep learning platform to help quantify driver behavior and risk. UBI can help to personalize rates, such as for Pay As You Drive and Pay How You Drive insurance policies.

Photo by: Ford

THEA concludes CV Pilot initiative

The Tampa Hillsborough Expressway Authority (THEA) announced that their connected vehicle pilot has concluded. The project, launched in September 2015 as part of USDOT's Connected Vehicle Pilot, consisted of several CV systems, including red light violation warnings, pedestrian warnings, wrong way warnings, and more – all generating open, shared data. This data can be used to evaluate the safety of these improvements, and to assist in the design of future CV deployments. The USDOT-awarded pilot led to a collaboration with Honda, Hyundai, and Toyota.

Photo by: Traffic Technology Today

NEC, VTTI develop Proof-of-Concept CV alerts via AI-based video analysis

Virginia Tech Transportation Institute (VTTI) and NEC Corporation have demonstrated a proof-of-concept design that uses traffic cameras and video analysis to identify potential conflicts between vehicles and pedestrians. With signal pole-installed hardware, the technology can identify, track, and categorize vehicles, pedestrians, and bicycles approaching an intersection. This sensing technology could be paired with C-V2X communications to provide safety information and warnings to vehicles, pedestrians, and bicyclists approaching an intersection through wireless communication.

Photo by: NEC

Applied Information granted experimental C-V2X license by FCC

ITS company Applied Information has been granted an experimental license to conduct C-V2X connected vehicle applications testing. This license is in cooperation with Maine DOT for a project in Brunswick, Maine. This safety testing could help advance the deployment of C-V2X technology in such areas as school zones, rail crossings, pedestrian safety, and unprotected left turns. This is the tenth license for this purpose that Applied Information has been granted.

Photo by: Automotive Testing Technology International

CAV News Bytes is a monthly publication that offers snapshots of some of the latest developments related to Connected and Automated Vehicles (CAVs) and CAV deployments. CAV News Bytes is developed by the Intelligent Transportation Society of America (**ITS America**) with support from the Connected Automated Vehicle Deployer Task Force.

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